

P a t e n t C l a i m s

1.

A device for practicing mask ventilation comprising a first passage and a second passage, said first passage being designed to provide communication between a source of air and the interior of a patient mask, said patient mask being designed to be placed over the nose and/or mouth of a person, wherein said second passage is designed to provide communication between the air source and a back pressure means, said back pressure means simulating the resistance of a human airway.

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A device according to Claim 1, wherein it further comprises a third passage designed to provide communication between a breathing person and the surroundings.

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A device according to Claim 1 or 2, wherein said first passage includes indicator means that indicate air flow through said first passage.

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20 A device according to Claim 3, wherein said indicator is a damper biased in a crosswise position in said first passage.

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25 A device according to one of the preceding claims, wherein said back pressure means is an artificial lung, which upon filling will indicate the volume delivered from said air source.

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30 A device according to Claim 1, 2, 3 or 4, wherein said back pressure means is a restriction.

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A device according to one of the preceding claims, wherein said first, second and third passages are formed in an integrated adapter designed to be placed between a patient valve and the mask.

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A device according to one of Claims 1 – 6, wherein said first and second passages are formed in an integrated adapter, and said third passage is formed in a separate unit.

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A device according to Claim 8, wherein said third passage extends through the wall of the mask at a distance from the connection of the mask to said first passage.

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A device according to one of Claims 2 - 9, wherein said third passage communicates with both the breathing person's mouth and nose.

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A device according to Claim 1, wherein said second passage extends from said patient mask to the back pressure device.

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A device according to one of the preceding claims, wherein the resistance provided by the back pressure means is between 5 and 40 cm H₂O/l/s.

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A device according to one of the preceding claims, wherein the resistance provided by the back pressure means is about 20 cm H₂O/l/s.

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A device according to one of the preceding claims, wherein said back pressure means has a compliance simulating the compliance of a human airway.

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A device according to one of the preceding claims, wherein the back pressure means has a compliance between 0.01 and 0.15 l/cm H₂O.

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A device according to one of the preceding claims, wherein the back pressure means has a compliance of about 0.02 l/cm H₂O.

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